

Sounds Around

Project Learning Tree Activity #4

Program of Studies

Science:

- S-P-SI-2 (Use simple equipment (e.g., aquariums), tools (e.g., magnifiers, spoons), skills (e.g., observing, pouring), technology (e.g., video discs), and mathematics in scientific investigations.)
- S-4-SI-2 (Use simple equipment (e.g., plant lights), tools (e.g., rulers, thermometers), skills (e.g., describing), technology (e.g., electronic media), and mathematics in scientific investigations.)
- S-4-PS-5 (Sounds are caused by vibrating objects.)

Math:

- M-P-PS-4 (Read data displayed on pictographs (a display of information using symbols or pictures).)
- M-4-PS-2 (Choose appropriate means to collect and represent data.)
- M-6-PS-1 (Collect, organize, analyze, and interpret data in a variety of graphical methods, including line plots, line graphs, bar graphs, and stem and leaf plots.)
- M-7-PS-1 (Collect, organize, analyze, and interpret data in a variety of graphical methods, including circle graphs, multiple line graphs, double bar graphs, and double stem and leaf plots.)
- M-8-PS-1 (Collect, organize, analyze, and interpret data in a variety of graphical methods (e.g., circle graphs, scatter plots, box and whisker plots, histograms).)

Social Studies:

- SS-5-CS-1 (Understand how culture in the United States has been influenced by languages, literature, arts, beliefs, and behaviors of diverse groups.)

English Language Arts:

- ELA-5-R-2 (Recognize characteristics and elements of different kinds of literary works.)

Core Content

Science:

- SC-E-SI-2 (Use simple equipment (e.g., magnifiers, magnets), tools (e.g., metric rulers, thermometers), skills (e.g., classifying, predicting), technology (e.g., electronic media, calculators, World Wide Web), and mathematics in scientific investigations.)
- SC-E-1.2.4 (Vibration is a type of motion. Sound is produced by vibrating objects. The pitch of the sound can be varied by changing the rate of vibration.)

Math:

- MA-E-3.2.2 (Collect, organize, and describe data (e.g., drawings, tables, charts)
- MA-M-3.2.2 (Construct and interpret displays of data (e.g., table, circle graph, line plot, stem-and-leaf plot, box-and-whiskers plot.)

Social Studies:

- SS-M-2.2.1 (All cultures develop institutions, customs, beliefs, and holidays reflecting their unique histories, situations, and perspectives.)

Reading:

- RD-M-1.0.16 (Identify literary devices such as foreshadowing, imagery, and figurative language (e.g., similes, metaphors, personification, hyperbole).)